



536.1C1.TXT

SEQUENCE LISTING

<110> Webb, Susan R.  
Wingvist, Ola  
Karlsson, Lars  
Jackson, Michael R.  
Peterson, Per A.

<120> MHC CLASS II ANTIGEN-PRESENTING SYSTEMS  
AND METHODS FOR ACTIVATING CD4+ T CELLS

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<140> US 10/822,173  
<141> 2004-04-08

<150> US 09/715,231  
<151> 2000-11-17

<150> US 09/194,285  
<151> 1999-04-12

<150> PCT/US97/08697  
<151> 1997-05-22

<150> US 60/018,175  
<151> 1996-05-23

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536.1C1.TXT

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<210> 23		
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acatatgtgg taacgaatgtt agatgtccgt cgcatgccccc atgtgccccca ccaagatgtt 180		
tgcatccccat acaagtcccc aaagtggaga accgaaccaa ttcttcgccc gcagaacaaa 240		
agcttctgca cacgtctcca ctcgaatttg gagccggccg gcgtgtgcaa aagagggtgaa 300		
tcgaacgaaa gaccgtgtg taaagcccg tttccaaat gtataaaacc gagagcatct 360		
ggccaatgtg catcagtgtt ggtcagcgc aaaatcaagt gaatcatctc agtgcaacta 420		
aaggggggaa ttgcgtcttag aggcttagagc catggatgac caacgcgacc tcacatctaa 480		
ccatgagcaa ttgcccatac tggcaaccg cccttagagag ccagaaaggt gcagccgtgg 540		
agctctgtac accgggtgtt ctgtccttgtt ggctctgtct ttggctggc aggccaccac 600		
tgcttacttc ctgttaccagc aacaggggccg cctagacaag ctgaccatca cctcccaagaa 660		
cctgcaactg gagagccttc gcatgaagct tccgaaatct gccaaacctg tgagccagat 720		

## 536.1C1.TXT

gcggatggct actcccttgc tcatgcgtcc aatgtccatg gataacatgc tccttggcc 780  
 tgtgaagaac gttaccaagt acggcaacat gaccgcagac catgtatgc atctgctcac 840  
 gaggtcttggaa cccctggagt acccccgact gaaggggacc ttcccagaga atctgaagca 900  
 tcttaagaac tccatggatg gcgtgaactg gaagatctc gagagcttggaa tgaagcagtg 960  
 gctcttgttt gagatggaca agaactccct ggaggagaag aagcccacag aggctccacc 1020  
 taaagagcca ctggacatgg aagacctatc ttctggctg ggagtgcac ggcaggaact 1080  
 gggtaagtc accctgtgaa gacagaggcc agcatcaagc ttatcgatac cgtcgacctg 1140  
 caggcatgca attcgatgca cactcacatt cttctccaa tacgataata aaactttcca 1200  
 tgaaaaatat gaaaaatat atgaaaattt agaaatccaa aaaactgata aacgctctac 1260  
 ttaataaaa tagataaaatg ggagcggcag gaatggcgga gcatggccaa gttcctccgc 1320  
 caatcagtgc taaaacagaa gtcgtggaaa gcggatagaa agaatgttcg atttgacggg 1380  
 caagcatgtc tgctatgtgg cggattgcgg aggaatttgcg ctggagacca gcaagggtct 1440  
 catgaccaag aatatacgcc tgagtgcgc ggaagctccg tttctgtcca gatcgaactc 1500  
 aaaacttagtc cagccagtcg ctgtcgaaac taattaagta aatagatgttt tcatgttagt 1560  
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 cacctatgaa gttcattttt atcggcagat aagcaatata ttgtgttaat atttgtattc 1800  
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 tacagtttta ctctctctac tctagagctt ggcactgccc gtcttttac aacgtcgtga 1920  
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 catatggtgc actctcgtatc caatctgtc tgatgcccgc tagttaaagcc agccccgaca 2160  
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 aatggtttct tagacgtcgtatgc gttggacttt tcggggaaat gtgcgcggaa cccctatttgc 2400  
 tttatttttc taaatacatt caaatatgtt tccgctcatg agacaataac cctgataaaat 2460  
 gcttcaataa tattgaaaaa ggaagaggtat gaggatttca catttccgt tcgcccattat 2520  
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&lt;211&gt; 32

&lt;212&gt; DNA

&lt;213&gt; Unknown

&lt;220&gt;

&lt;223&gt; Synthesized

&lt;400&gt; 24

aagaattcac catggatgat cagcgcgacc tt

32

&lt;210&gt; 25

&lt;211&gt; 31

&lt;212&gt; DNA

&lt;213&gt; Unknown

&lt;220&gt;

&lt;223&gt; Synthesized

&lt;400&gt; 25

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31

&lt;210&gt; 26

&lt;211&gt; 25

&lt;212&gt; DNA

&lt;213&gt; Unknown

536.1C1.TXT

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<210> 27  
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<210> 29  
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<400> 29  
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## 536.1C1.TXT

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<210> 36  
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## 536.1C1.TXT

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28

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36

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34

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31

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## 536.1C1.TXT

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## 536.1C1.TXT

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<212> DNA	
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<213> Unknown	
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1	5
	10
	15
Arg	

536.1C1.TXT

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<212> PRT  
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<220>  
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<400> 53  
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<210> 54  
<211> 11  
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<220>  
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<400> 54  
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1 5 10

<210> 55  
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<212> PRT  
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<220>  
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<400> 55  
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1 5 10 15

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<211> 13  
<212> PRT  
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<220>  
<223> Synthesized

<400> 56  
Phe Val Arg Phe Asp Ser Asp Ala Ala Ser Gln Arg Met  
1 5 10